Index of Claims

| App | licatio | n/Con | trol | No. |
|-----|---------|-------|------|-----|
| 722 |         |       |      |     |

10/722,814 Examiner

DuyVu n. Deo

Applicant(s)/Patent under Reexamination

DONG ET AL. Art Unit

1765

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| Γ | Interference |  |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla  | aim      |        |              |          | _[       | Date                                | e              |                 |                 |          | Cla           | im       |                     |          |          | Da       | te                                     |                  |          |        | CI    | aim        |           |          |        | Dat      | e            |                    | _         |          |
|--|----------|--------|--------------|----------|----------|-------------------------------------|----------------|-----------------|-----------------|----------|---------------|----------|---------------------|----------|----------|----------|--|------------------|----------|--------|-------|------------|-----------|----------|--------|----------|--------------|--------------------|-----------|----------|
| Final  | Original | 50/9/2 |              |          |          |                                     |                |                 |                 |          | Final         | Original |                     |          |          |          |  |                  |          |        | Final | Original   |           |          |        |          |              |                    |           |          |
|  | 1        | ٧      |              |          |          |                                     |                |                 |                 |          |               | 51       | П                   |          |          |          |  |                  |          |        |       | 101        |           |          | Ţ      | $\Box$   |              | $\Box$             | $\square$ |          |
| ·  | 2        | >      |              |          |          |                                     |                |                 | $oxed{oxed}$    |          |               | 52       |                     |          | .        |          | <u> </u>                               |                  |          | _      |       | 102        |           |          | 1      |          |              |                    |           |          |
|  | 3_       | ٧      |              |          |          |                                     |                | _               |                 |          |               | 53       |                     | _        | $\perp$  |          | ļ                                      | $\sqcup$         |          | _      |       | 103        |           |          | 1      | $\perp$  |              | $\sqcup$           | _         | _        |
|  | 4        | ٧      |              |          | _        | _                                   | _              | L               | _               |          |               | 54       | Ш                   | _        |          |          | ــــــــــــــــــــــــــــــــــــــ | Щ.               | _ _      | 4      |       | 104        | _         |          | 4_     | ╄-       | _            | $\sqcup$           | _         | _        |
|  | 5        | ٧      |              |          | _        |                                     | _              | L               |                 |          |               | 55       | Ш                   | _        | $\perp$  | $\perp$  | _                                      | Ш                | $\perp$  | 4      |       | 105        |           |          | ╄      | -        | <u> </u>     | $\vdash$           |           | _        |
|  | 6        | ٧      | L            |          |          |                                     | _              |                 |                 |          |               | 56       |                     | _        |          | $\bot$   | _                                      | Ш                | _        | 4 1    |       | 106        |           |          | _      | ـــــ    | <u> </u>     | $\vdash$           | _         |          |
|  | 7        | ٧      | _            |          | _        | _                                   | _              | _               | _               |          |               | 57       | <del>   </del>      | -        |          |          | -                                      | -                |          | -      |       | 107        |           |          | +-     | ┼        | <u> </u>     | $\vdash$           | $\dashv$  |          |
|  | 8        | ٧      |              | Ш        | _        |                                     | _              |                 |                 |          |               | 58       | $\sqcup$            | -        | -        |          | +                                      | <del>  -  </del> |          | -      |       | 108        |           |          | +      | ╀        | ⊢            | $\vdash$           | $\dashv$  | _        |
|  | 9        |        | $\vdash$     |          |          |                                     | ⊢              |                 |                 |          |               | 59       | $\vdash \vdash$     | -        |          |          | +-                                     | ╁╼┼              |          | -      |       | 109        | -         |          | +      | ╁        | ┝            |                    | $\dashv$  | _        |
|  | 10       |        |              |          | _        | -                                   | H              |                 | H               |          |               | 60       | $\vdash$            | $\dashv$ | +        |          | ┿                                      | ╁╼┼              | -        |        |       | 110        | _         |          | +-     | ╀╌       | -            | $\vdash$           | $\dashv$  |          |
|  | 11<br>12 |        |              |          | H        | ├                                   | $\vdash$       |                 |                 |          |               | 61<br>62 | $\vdash$            | $\dashv$ | +        | +        | ╁                                      |                  |          | -      |       | 111<br>112 | -         |          | +      | ╁        | ┼─           | $\vdash$           | $\dashv$  | -        |
|  | 13       | _      | $\vdash$     | $\vdash$ | _        | ├                                   | $\vdash$       | $\vdash$        | $\vdash$        | -        |               | 63       | $\vdash$            | $\dashv$ | +        | ╁        | +                                      | $\vdash$         |          | -      |       | 113        | Н         | -        | +      | +        | ╁            | $\vdash$           | $\dashv$  |          |
| <del>                                     </del> | 14       |        | $\vdash$     |          |          |                                     | $\vdash$       |                 | $\vdash$        |          |               | 64       | $\vdash$            | $\dashv$ | +        | +        | +                                      | $\vdash$         | +        | -      |       | 114        |           |          | +      | +        | $\vdash$     | $\vdash$           | $\dashv$  | $\dashv$ |
| <del>                                     </del> | 15       | -      | $\vdash$     | $\vdash$ |          | $\vdash$                            |                |                 | -               |          | <del>  </del> | 65       | $\vdash$            | -+       | -        | +        | +-                                     | $\vdash$         |          | -      |       | 115        |           |          | +-     | +        | <del> </del> | $\vdash$           |           | $\dashv$ |
|  | 16       | -      | -            | Н        | $\vdash$ | <u> </u>                            | $\vdash$       | $\vdash$        |                 | $\vdash$ |               | 66       | $\vdash$            | $\dashv$ | $\dashv$ | $\dashv$ | +                                      | $\vdash \vdash$  | _        | -      |       | 116        | $\vdash$  |          | +-     | +-       | ├            | $\vdash$           | $\dashv$  | -        |
|  | 17       | _      | <del> </del> | $\vdash$ | _        | -                                   | $\vdash$       | $\vdash$        | -               |          |               | 67       | $\vdash$            | +        | -        | +        | +                                      | +                |          |        |       | 117        | Н         | $\vdash$ | +      | +        | t            | $\vdash$           | $\dashv$  | $\neg$   |
| <b></b>  | 18       | _      | _            | Н        |          | -                                   | $\vdash$       |                 | -               |          |               | 68       | H                   | _        | +        | +-       | +                                      | ╁╌┼              | $\vdash$ | -      |       | 118        |           |          | $^{+}$ | $\vdash$ | t            | $\vdash$           | $\dashv$  | =        |
| <b></b>  | 19       |        |              |          | _        | -                                   | $\vdash$       |                 | $\vdash$        |          |               | 69       | H                   | $\dashv$ | $\dashv$ | +        | ╁                                      | ╁╌┼              | +        | -      |       | 119        |           |          | +      | +        | H            | $\vdash$           | $\dashv$  | _        |
|  | 20       |        |              |          |          | <u> </u>                            | _              |                 | 1               | -        | -             | 70       | $\vdash$            | 7        | $\dashv$ | +        | -                                      | 1 1              |          | -      |       | 120        |           |          | +      | +-       | -            |                    | $\dashv$  | -        |
|  | 21       |        | _            |          |          | _                                   | $\vdash$       |                 |                 | _        |               | 71       | $\vdash$            | $\dashv$ | +        | $\dashv$ | $\vdash$                               | $\vdash$         |          | -      |       | 121        | Н         | +        | +      | t        | $\vdash$     | $\vdash$           | $\dashv$  | -        |
|  | 22       | _      |              |          |          |                                     | Ħ              |                 |                 |          | Н             | 72       | H                   | 寸        | 十        | $\top$   | t                                      |                  |          | ا      |       | 122        |           |          | +      | +        | <u> </u>     | $\vdash$           | 一         | -        |
|  | 23       |        |              |          |          |                                     | T              |                 |                 |          |               | 73       | H                   | 寸        | 1        | +        | t                                      | $\Box$           |          |        |       | 123        | Н         |          | †      | †        | 1            | $\Box$             | 一         |          |
|  | 24       |        |              |          |          |                                     | $\vdash$       |                 |                 |          |               | 74       | Н                   | 寸        | $\top$   | 1        | t                                      | $\Box$           | 1        | ا ا    |       | 124        | Н         | _        | +-     | †        | T            | 一十                 | _         | $\neg$   |
|  | 25       | _      |              |          |          |                                     | $\vdash$       |                 |                 | _        |               | 75       | $\Box$              | 寸        | $\neg$   | $\dashv$ | T                                      | $\Box$           |          | ا      |       | 125        |           |          |        | †        | $\vdash$     | $\sqcap$           |           | _        |
|  | 26       |        |              |          |          | $\vdash$                            |                |                 |                 |          |               | 76       |                     | $\neg$   | $\top$   | $\top$   | 1                                      |                  |          | ا!!!!  |       | 126        |           |          | 1      |          |              |                    | $\dashv$  | $\neg$   |
|  | 27       |        |              |          |          |                                     |                |                 |                 |          |               | 77       |                     | 寸        | $\top$   |          | T                                      |                  |          | ا الله |       | 127        |           |          | T      | T        | T            | Πİ                 | 寸         |          |
|  | 28       |        |              |          |          |                                     |                |                 |                 |          |               | 78       |                     |          | $\neg$   |          | $\top$                                 |                  |          | ا!!!!  |       | 128        |           |          | $\top$ | 1        | Т            | П                  | $\neg$    |          |
|  | 29       |        | П            |          |          | ŀ                                   | П              | П               |                 |          |               | 79       |                     | 寸        | _        | 1        |  |                  |          | ا اا   |       | 129        |           | $\neg$   | 1      | 丅        | Г            | П                  | $\neg$    | _        |
|  | 30       |        |              |          |          |                                     |                |                 |                 |          |               | 80       |                     |          |          |          |  |                  |          | اا     |       | 130        |           |          | 1      | T        |              | П                  | $\neg$    | _        |
|  | 31       |        |              |          |          | <u> </u>                            |                |                 |                 |          |               | 81       | 7                   | $\neg$   |          |          |  |                  |          | 7      |       | 131        |           |          | $\top$ | 1        |              | П                  | $\neg$    |          |
|  | 32       |        |              |          |          |                                     |                |                 |                 |          |               | 82       |                     |          |          |          |  |                  |          | 71     |       | 132        |           |          | T      |          |              |                    | T         |          |
|  | 33       |        |              |          |          |                                     |                |                 |                 |          |               | 83       |                     |          |          | Τ        |  |                  |          |        |       | 133        |           |          | T      |          |              |                    | $\Box$    |          |
|  | 34       |        |              |          |          | _                                   |                | ·               |                 |          |               | 84       |                     |          |          |          |  |                  |          |        |       | 134        |           |          |        |          |              |                    |           |          |
|  | 35       |        |              |          |          | L                                   | $\Box$         |                 | Ш               |          |               | 85       |                     |          |          |          |  |                  |          |        |       | 135        |           |          |        |          |              |                    |           |          |
|  | 36       |        | Ш            |          |          |                                     | Ш              | $\Box$          |                 |          |               | 86       |                     | [        |          | Ĺ        |  |                  |          | ∐∭Լ    |       | 136        |           |          | L      |          |              | П                  |           |          |
| <u> </u>   | 37       |        | Ш            | ]        |          |                                     | $\Box$         |                 |                 |          | oxdot         | 87       |                     | $\prod$  |          | _ل_      |  |                  |          | ]   [  |       | 137        |           |          |        |          |              | $\Box$             |           |          |
|  | 38       |        |              |          |          |                                     |                |                 | Ш               |          | $oxed{oxed}$  | 88       |                     | $\bot$   |          | Ļ        |  |                  |          | ╝      |       | 138        |           |          |        |          | Ľ            | Ц                  |           |          |
|  | 39       |        | Ш            | _        |          | <u> </u>                            | Ш              | Ш               | Щ               |          | $\square$     | 89       |                     | $\perp$  | _        |          | _                                      | $\sqcup$         |          | 4      |       | 139        | Ш         |          |        | $\perp$  | lacksquare   | $\sqcup$           |           |          |
| <u> </u>   | 40       |        | Щ            |          |          | <u> </u>                            |                |                 | Щ               |          | $oxed{oxed}$  | 90       | $\Box$              | $\dashv$ | $\perp$  | _        | _                                      | $\sqcup$         |          | 4      |       | 140        |           | $\perp$  | _      | <u> </u> | Ш            | $\Box$             |           |          |
|  | 41       |        | Ш            |          |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш              | Щ               | Щ               |          | $\sqcup$      | 91       | $\sqcup$            | $\dashv$ | $\perp$  | 4        | ↓_                                     | $\sqcup$         | $\perp$  | 4 1    |       | 141        | Ш         | _        | 1      | ↓_       | L.,          | $\sqcup$           | ᆚ         |          |
|  | 42       |        | Ш            |          |          | ļ                                   |                | Ш               | Ш               |          | <b> </b>      | 92       | $\sqcup$            | 4        | _        | $\bot$   |  |                  |          | 4      |       | 142        | Ш         | _        | +      | ↓_       | <b> </b> _   | $oldsymbol{\perp}$ | $\dashv$  | _        |
|  | 43       |        | $\sqcup$     | _        |          |                                     | <u> </u>       | Ш               | -               | _        |               | 93       | $\sqcup$            | 4        | 4        | +        | $\vdash$                               | $\vdash$         |          | 4      |       | 143        | $\square$ |          | 1      | ↓_       | <u> </u>     | $\dashv$           |           | ᅬ        |
|  | 44       |        |              |          |          | <u> </u>                            | Н              | $\vdash$        |                 |          | $\vdash$      | 94       | $\Box$              | 4        | -        | +        | ╁                                      | $\vdash$         | $\dashv$ | -      |       | 144        | Щ         | -        | +      | ┼        | <u> </u>     | $\dashv$           | 4         | $\dashv$ |
| <u> </u>   | 45       | _      | -            | _        | _        |                                     | $\vdash\vdash$ | $\vdash$        |                 | _        | <u> </u>      | 95       | $\vdash$            | -        | +        | +        | ـ                                      |                  | +        | 4 1    |       | 145        | Н         | -        | +-     | ـ        | <u> </u>     | $\dashv$           | _         | _        |
| <u> </u>   | 46       | _      | $\square$    | $\dashv$ | _        | <u> </u>                            | $\vdash\vdash$ | $\vdash \vdash$ | $\vdash \vdash$ |          |               | 96       | $\dashv$            | $\dashv$ | +        | +        | ╄                                      |                  |          | 4      |       | 146        | Щ         |          | +-     | $\vdash$ | ├_           | $\dashv$           | _         | ᅬ        |
| $\vdash$   | 47       |        | $\Box$       | $\dashv$ | _        | <u> </u>                            | Ш              | Н               | Щ               |          |               | 97       | $\dashv$            |          | 4        | +-       | -                                      | $\vdash \vdash$  |          | -      |       | 147        | Н         | $\dashv$ | +-     | ╄-       | <b>-</b>     | $\dashv$           |           | _        |
|  | 48       |        |              |          | _        | <u> </u>                            | Н              | Н               |                 |          |               | 98       | $\dashv$            |          | -        | +        | $\vdash$                               | $\vdash$         |          | 4      |       | 148        | Щ         |          | +-     | +        | <u> </u>     | $\dashv$           | _         | ᅴ        |
| <u> </u>   | 49       |        | -            | _        | _        | <b>-</b>                            | $\vdash$       | $\vdash$        | Н               |          |               | 99       | $\vdash \downarrow$ | $\dashv$ | +        | +-       | $\vdash$                               | $\vdash$         |          | -      |       | 149        | $\vdash$  |          | +      | ╄-       | Ш            | $\dashv$           |           | ᆜ        |
|  | 50       |        | Ш            |          |          | <u> </u>                            | $oxed{oxed}$   | $oxed{oxed}$    |                 |          |               | 100      |                     |          |          |          | 1                                      |                  | L_       | ا∷∷ر   |       | 150        |           |          |        | _        |              | ш                  |           |          |